

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549
FORM 11-K

ANNUAL REPORT PURSUANT TO SECTION 15 (d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2017
OR

TRANSITION REPORT PURSUANT TO SECTION 15 (d) OF THE SECURITIES EXCHANGE ACT OF 1934

Commission file number 0-17071

A. Full title of the plan and the address of the plan, if different from that of the Issuer named below:

First Merchants Corporation
Retirement Income and Savings Plan

B. Name of issuer of the securities held pursuant to the plan and the address of its principal office:

First Merchants Corporation
200 East Jackson Street
Muncie, Indiana 47305

First Merchants Corporation
Retirement Income and Savings Plan

EIN 35-1544218 PN 002

Independent Auditor's Report and Financial Statements
December 31, 2017 and 2016

First Merchants Corporation
Retirement Income and Savings Plan
December 31, 2017 and 2016

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Report of Independent Registered Public Accounting Firm

Plan Administrator, Plan Participants, Audit Committee and
Employee Benefit Plan Administrative Committee
First Merchants Corporation Retirement Income and Savings Plan
Muncie, Indiana

Opinion on the Financial Statements

We have audited the accompanying statements of net assets available for benefits of First Merchants Corporation Retirement Income and Savings Plan (Plan) as of December 31, 2017 and 2016, the related statements of changes in net assets available for benefits for the years then ended, and the related notes (collectively referred to as the "financial statements"). In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2017 and 2016, and the changes in net assets available for benefits for the years then ended in conformity with accounting principles generally accepted in the United States of America.

Basis of Opinion

These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("PCAOB") and are required to be independent with respect to the Plan in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. The Plan is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Report on Supplemental Information

The supplemental information in the accompanying schedule of assets (held at end of year) as of December 31, 2017 has been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The supplemental schedule is the responsibility of the Plan's management. Our audit procedures included determining whether the supplemental schedule reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental schedule. In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the *Employee Retirement Income Security Act of 1974*. In our opinion, the schedule of assets (held at end of year) as of December 31, 2017 is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

/s/ **BKD, LLP**

We have served as the Plan's auditor since 1991

Indianapolis, Indiana
June 5, 2018

First Merchants Corporation
Retirement Income and Savings Plan
Statements of Net Assets Available for Benefits
December 31, 2017 and 2016

	2017	2016
Assets		
Investments, at fair value		
Common Stock	\$ 9,819,243	\$ 9,892,650
Mutual Funds	118,326,737	100,109,055
Money Market Funds	7,477,650	5,933,082
Collective Investment Fund	5,062,796	5,356,583
Total Investments	140,686,426	121,291,370
Receivables		
Accrued Income	968,034	65,117
Employer Contributions	597,097	616,301
Notes Receivable from Participants	2,024,485	2,014,193
Total Receivables	3,589,616	2,695,611
Non-interest Bearing Cash	297,645	698,350
Total Assets	144,573,687	124,685,331
Liabilities		
Excess Contributions Refundable	78,357	43,837
Net Assets Available for Benefits	\$ 144,495,330	\$ 124,641,494

See Notes to Financial Statements

First Merchants Corporation
Retirement Income and Savings Plan
Statements of Changes in Net Assets Available for Benefits
Years Ended December 31, 2017 and 2016

	2017	2016
Investment Income		
Net Appreciation in Fair Value of Investments	\$ 14,583,050	\$ 8,717,998
Investment Dividends	4,926,906	3,263,959
Net Investment Income	<u>19,509,956</u>	<u>11,981,957</u>
Interest Income From Notes Receivable from Participants	82,734	74,588
Contributions		
Participants	5,758,819	5,009,495
Employer	3,749,478	3,391,724
Rollovers	569,572	2,841,642
Total Contributions	<u>10,077,869</u>	<u>11,242,861</u>
Total Additions	<u>\$ 29,670,559</u>	<u>\$ 23,299,406</u>
Deductions		
Benefits Paid to Participants	9,816,504	9,727,908
Administrative Expenses	219	2,759
Total Deductions	<u>\$ 9,816,723</u>	<u>\$ 9,730,667</u>
Net Increase	19,853,836	13,568,739
Transfer from Ameriana 401(k) Plan, Participant Loans		63,749
Transfer from Ameriana 401(k) Plan, In-Kind First Merchants Corporation Stock		1,694,371
Transfer from Ameriana 401(k) Plan	—	5,035,298
Net Assets Available for Benefits, Beginning of Year	<u>124,641,494</u>	<u>104,279,337</u>
Net Assets Available for Benefits, End of Year	<u>\$ 144,495,330</u>	<u>\$ 124,641,494</u>

See Notes to Financial Statements

First Merchants Corporation
Retirement Income and Savings Plan
Notes to Financial Statements
December 31, 2017 and 2016

Note 1: Description of Plan

The following description of First Merchants Corporation Retirement Income and Savings Plan (the Plan) provides only general information. Participants should refer to the Plan Document and *Summary Plan Description* for a more complete description of the Plan's provisions, which are available from the Plan Administrator.

General

The Plan is a defined-contribution plan sponsored by First Merchants Corporation (Corporation) for the benefit of all employees who are age 18 or older. A related employer who also participates in the Plan is First Merchants Bank. Through the following recent acquisitions, all eligible employees from these acquired banks were permitted to participate in the Plan effective the day following the respective acquisition dates:

- Citizens Financial Bank - Acquired on November 12, 2013.
- Community Bank - Acquired on November 7, 2014.
- Cooper State Bank - Acquired on April 17, 2015.
- Ameriana Bank - Acquired on December 31, 2015
- The Arlington Bank - Acquired on May 19, 2017
- iAB Financial Bank - Acquired on July 14, 2017.

Through the acquisition of Ameriana Bank, the decision was made to merge the Ameriana 401(k) Plan into the Plan on July 8, 2016. Cooper State Bank and The Arlington Bank were both participants in a multi-employer Pentegra 401(k) Plan in which participation ceased in that plan on the acquisition date. Citizens Financial Bank, Community Bank and iAB Financial Bank all had former 401(k) plans which were terminated and distributed.

The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). First Merchants Private Wealth Advisors, a division of First Merchants Bank, is the trustee and record keeper of the Plan. First Merchants, as custodian, employs Fidelity to hold the majority of the Plan's assets on its behalf.

Contributions

The Plan permits eligible employees, through a salary deferral election, to contribute up to 75% of eligible compensation, not to exceed the maximum annual limit allowed by law. Employee rollover contributions are also permitted. The Plan also accepts Roth elective deferrals made on behalf of participants. Catch-up contributions are also available for participants in the year in which they turn 50 years of age.

First Merchants Corporation
Retirement Income and Savings Plan
Notes to Financial Statements
December 31, 2017 and 2016

Prior to March 1, 2005, the Corporation made matching contributions of its employees' salary deferral amounts of 25% of the first 5% of employees' eligible compensation for all participating employees. After March 1, 2005, the matching contribution described above was the only type of employer contribution granted to grandfathered pension plan participants who were at least age 55 and credited with at least ten years of service on February 28, 2005. Effective January 1, 2013, the structure of the matching contribution for grandfathered participants was changed to the same match structure as all other active employees as described below. The remaining participants could receive two different types of employer contributions. The Corporation's contributions are as follows:

- Retirement security contributions: Effective January 1, 2013, the plan was amended to replace the previous service weighted contribution structure, which allowed for an employer contribution range from 2% to 7% of pay based on years of continuous service, to a non-elective 2% of pay annual contribution. The participant must have 1,000 hours of service and be employed at the end of the Plan year. Any employee who is hired or rehired after January 1, 2010 is not eligible for the Retirement Security Contribution.
- Matching contributions: Effective January 1, 2013, the plan was amended to change the match structure to increase the employer match to a maximum of 4.5% of employees' eligible compensation. The matching employer contribution increased from 50% of the first 6% of employees' eligible compensation, to 100% of the first 3% of employees' eligible compensation plus 50% of contributions that exceed 3% but are less than 6% of eligible compensation for all participating employees.

The end of year requirement does not apply for participants who have terminated due to normal retirement age, death, or disability. Prior to January 1, 2010, the end of year requirement did not apply for participants who terminated due to early retirement age, which was defined as age 55 and greater than five years of service. Effective January 1, 2010, there is no longer an early retirement provision under the Plan. Normal retirement is defined as age 65 if you are a participant in the Plan at March 1, 2005. If you became a participant in the Plan after March 1, 2005, then the normal retirement date is the later of age 65 or the 5th anniversary of your earliest participation date. Prior to January 1, 2010, the entry date for retirement security and transition contributions was March 1, 2005, and each subsequent January 1. Effective January 1, 2010, any employee who is hired or rehired after January 1, 2010 is not eligible for the retirement security contribution.

The Plan Document also includes an automatic deferral feature whereby a participant will automatically be set up to defer 3% of eligible compensation on their third pay, unless the participant made an affirmative election otherwise. Contributions are subject to certain limitations.

Participant Investment Account Options

Investment account options available include various funds as well as Corporation common stock. Each participant has the option of directing his contributions into any of the separate investment accounts and may change the allocation daily. Allocations to the Corporation's common stock are generally limited to 25% of the applicable account balance.

First Merchants Corporation

Retirement Income and Savings Plan

Notes to Financial Statements

December 31, 2017 and 2016

Participant Accounts

Each participant's account is credited with the participant's contribution, the Corporation's contribution and Plan earnings. Allocations of Plan earnings are based on participant account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are immediately vested in their voluntary contributions and rollover contribution accounts plus earnings thereon. Vesting in the Corporation's matching contribution portion of their accounts plus earnings thereon is based on years of credited service. A participant is fully vested in the matching contribution portion of their account after five years of credited service. Effective January 1, 2016, for acquired participants, predecessor employer service will be based on years of continuous service. The vesting in the retirement security contribution portion of their account plus earnings is 100% after three years of credited service and vesting in the transition contribution portion of their account plus earnings is immediate since all eligible participants have at least ten years of service. Former Ameriana 401(k) Plan participants are 100% vested in all former Ameriana 401(k) Plan contributions transferred to the Plan in 2016. The nonvested balance is forfeited upon termination of service. Forfeitures are used to reduce the Corporation's contribution or to pay reasonable administrative expenses of the Plan.

Payment of Benefits

Upon termination of service, participants may elect to receive a lump-sum amount or installments equal to the value of their accounts. Withdrawals other than for termination are permitted under certain circumstances provided by the Plan. Plan assets may include amounts allocated to accounts of terminated or retired participants who have elected to withdraw from the Plan but have not yet been paid.

Forfeited Accounts

At December 31, 2017 and 2016, forfeited nonvested accounts totaled \$0 and \$7,543 respectively. These accounts will be used to reduce future employer contributions. Also, in 2017 and 2016, employer contributions were reduced by approximately \$194,000 and \$167,000, respectively, from forfeited nonvested accounts.

Notes Receivable From Participants

Effective January 1, 2010, the Plan Document includes provisions authorizing loans from the Plan to active eligible participants. The minimum amount of a loan shall be \$1,000. The maximum amount of a participant's loans is determined by the available loan balance restricted to the lesser of \$50,000 or 50% of the participant's vested account balance. All loans are covered by demand notes and are repayable over a period not to exceed five years (except for loans for the purchase of a principal residence) through payroll withholdings unless the participant is paying the loan in full. Interest on the loans is based on local prevailing rates as determined by the Plan Administrator.

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Delinquent notes receivable from participants are reclassified as benefits paid based upon the terms of the Plan Document.

First Merchants Corporation

Retirement Income and Savings Plan

Notes to Financial Statements

December 31, 2017 and 2016

Plan Termination

Although it has not expressed any intent to do so, the Corporation has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants will become 100% vested in their accounts.

Note 2: Summary of Significant Accounting Policies

Basis of Accounting

The accompanying financial statements are prepared on the accrual method of accounting.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of net assets and changes in net assets available for benefits. Actual results could differ from those estimates.

Valuation of Investments and Income Recognition

Quoted market prices, if available, are used to value investments. Mutual funds and the Plan's interest in the collective investment fund (Federated Capital Preservation Fund) are valued at the net asset value of shares held by the Plan at year end. Investment in the Corporation's common stock is valued at the quoted market price on the last business day of the plan year. The collective investment fund invests in investments that pursue multiple strategies to exceed the performance of certain industrial averages. The funds may invest in money market mutual funds and guaranteed investment contracts. The net asset value of the fund is determined as of the end of each month utilizing the values of the underlying assets. The fund provides daily liquidity at contract value for any participant withdrawing and transferring funds.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Plan Tax Status

The Plan obtained its latest determination letter on May 28, 2014, in which the Internal Revenue Service stated that the Plan and related trust, as then designed, were in compliance with the applicable requirements of the Internal Revenue Code (IRC) and therefore not subject to tax. Although the Plan has been amended since receiving the determination letter, the Plan Administrator and the Plan's tax counsel believe that the Plan is designed, and is currently being operated, in compliance with the applicable requirements of the IRC and, therefore, believe that the Plan is qualified, and the related trust is tax exempt.

Payment of Benefits

Benefit payments to participants are recorded upon distribution.

First Merchants Corporation
Retirement Income and Savings Plan
Notes to Financial Statements
December 31, 2017 and 2016

Administrative Expenses

Administrative expenses may be paid by the Corporation or the Plan, at the Corporation's discretion.

Note 3: Disclosures About Fair Value of Assets and Liabilities

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Fair value measurements must maximize the use of observable inputs and minimize the use of unobservable inputs. There is a hierarchy of three levels of inputs that may be used to measure fair value:

- Level 1** Quoted prices in active markets for identical assets or liabilities
- Level 2** Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities
- Level 3** Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities

Following is a description of the valuation methodologies used for assets measured at fair value on a recurring basis and recognized in the accompanying statements of net assets available for benefits, as well as the general classification of such assets and liabilities pursuant to the valuation hierarchy. There have been no significant changes in the valuation techniques during the year ended December 31, 2017. The Plan has no liabilities measured on a recurring basis and has no assets or liabilities measured at fair value on a nonrecurring basis.

Investments

Where quoted market prices are available in an active market, securities are classified within Level 1 of the valuation hierarchy. Level 1 securities include common stock, mutual funds and money market funds. If quoted market prices are not available, then fair values are estimated by using pricing models, quoted prices of securities with similar characteristics or discounted cash flows. There are no Level 2 securities held by the Plan. In certain cases where Level 1 or Level 2 inputs are not available, securities are classified within Level 3 of the hierarchy. There are no Level 3 securities held by the Plan.

First Merchants Corporation
Retirement Income and Savings Plan
Notes to Financial Statements
December 31, 2017 and 2016

The following tables presents the fair value measurements of assets recognized in the accompanying statement of net assets available for benefits measured at fair value on a recurring basis and the level within the fair value hierarchy in which the fair value measurements fall at December 31, 2017 and 2016:

		2017			
		Fair Value Measurements Using			
		Quoted Prices			
		in Active	Significant		
		Markets for	Other	Significant	
		Identical	Observable	Unobservable	
		Assets	Inputs	Inputs	
		(Level 1)	(Level 2)	(Level 3)	
Fair	Value				
Common Stock	\$ 9,819,243	\$ 9,819,243			
Mutual Funds	118,326,737	118,326,737			
Money Market Fund	7,477,650	7,477,650			
Investments in the Fair Value Hierarchy	\$ 135,623,630	\$ 135,623,630			
Investment measured at net asset value (A)	5,062,796				
Investments at Fair Value	<u>\$ 140,686,426</u>	<u>\$ 135,623,630</u>	<u>—</u>		<u>—</u>

		2016			
		Fair Value Measurements Using			
		Quoted Prices			
		in Active	Significant		
		Markets for	Other	Significant	
		Identical	Observable	Unobservable	
		Assets	Inputs	Inputs	
		(Level 1)	(Level 2)	(Level 3)	
Fair	Value				
Common Stock	\$ 9,892,650	\$ 9,892,650			
Mutual Funds	100,109,055	100,109,055			
Money Market Fund	5,933,082	5,933,082			
Investments in the Fair Value Hierarchy	\$ 115,934,787	\$ 115,934,787			
Investment measured at net asset value (A)	5,356,583				
Investments at Fair Value	<u>\$ 121,291,370</u>	<u>\$ 115,934,787</u>	<u>—</u>		<u>—</u>

A) In accordance with Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statement of net assets available for benefits.

First Merchants Corporation
Retirement Income and Savings Plan
Notes to Financial Statements
December 31, 2017 and 2016

Investments Measured Using the Net Asset Value per Share Practical Expedient

The following table summarizes investments for which fair value is measured using the net asset value per share practical expedient as of December 31, 2017 and 2016. There are no participant redemption restrictions for these investments; the redemption notice period is applicable only to the Plan.

	December 31, 2017			
	Fair Value	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Collective Investment Fund	\$5,062,796	\$0	Daily	None

	December 31, 2016			
	Fair Value	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Collective Investment Fund	\$5,356,583	\$0	Daily	None

Note 4: Party-in-Interest Transactions

Party-in-interest transactions include those with fiduciaries or employees of the Plan, any person who provides services to the Plan, an employer whose employees are covered by the Plan, an employee organization whose members are covered by the Plan, a person who owns 50 percent or more of such an employer or employee association, or relatives of such persons.

First Merchants Private Wealth Advisors provides trustee and record keeping services at no cost to the Plan. The Plan received investment fee rebates of \$55,724 and \$51,060 during 2017 and 2016, respectively, from mutual fund providers. Individually nonmaterial expenses paid to parties-in-interest aggregated \$219 for 2017 and \$2,759 for 2016. The Company provides certain administrative services at no cost to the Plan.

First Merchants Corporation
Retirement Income and Savings Plan
Notes to Financial Statements
December 31, 2017 and 2016

The Plan invests in First Merchants Corporation common stock. Activity at fair value was as follows:

		First Merchants Corporation Common Stock
Balance at January 1, 2016	\$	5,765,637
Total unrealized gain included in net increase in net assets available for benefits		2,868,914
Total realized gain included in net increase in net assets available for benefits		624,735
In-Kind Transfer from Ameriana 401(k) Plan*		1,694,371
Purchases		660,096
Settlements		(1,721,103)
Balance at December 31, 2016		9,892,650
Total unrealized gain included in net increase in net assets available for benefits		191,263
Total realized gain included in net increase in net assets available for benefits		902,346
Purchases		604,581
Settlements		(1,771,597)
Balance at December 31, 2017	\$	9,819,243

* As described in Note 1, Ameriana Bank was acquired in December 2015. The Ameriana Bank stock held by the Plan was converted to First Merchants Corporation Stock at that time. During 2016, the Ameriana Bank stock transferred in-kind to the Plan.

Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the participants' account balances and the amounts reported in the statements of net assets available for benefits.

Supplemental Schedule

First Merchants Corporation
Retirement Income and Savings Plan
Employer Identification Number: 35-1544218 Plan Number: 002
Schedule H, Line 4i - Schedule of Assets (Held at End of Year)
December 31, 2017

(a)(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment Including Par or Maturity Value	(e) Current Value
Common Stock		
*First Merchants Corporation	233,458 shares	\$ 9,819,243
Mutual Funds		
American Capital World Bond Fund	37,791 shares	754,696
American Europacific Growth Fund	38,917 shares	2,184,806
Columbia High Yield Bond Fund	848,293 shares	2,502,466
Dodge & Cox International Fund	44,547 shares	2,063,432
Federated SH-Interm Total Return Bond Fund	58,860 shares	604,487
Federated Total Return Bond	466,729 shares	5,087,341
Fidelity Contra Fund	80,244 shares	9,827,504
Goldman Sachs Mid Cap Equity Fund	156,433 shares	5,558,076
MFS International Discovery Fund	30,994 shares	1,074,577
Nuveen Mid Cap Growth Fund	67,320 shares	2,987,648
Nuveen Real Estate Fund	96,484 shares	1,982,739
T Rowe Price Emerging Markets Fund	15,858 shares	713,442
T Rowe Price Dividend Growth Fund	128,879 shares	5,590,784
Vanguard 500 Index Fund	32,263 shares	7,963,277
Vanguard Balanced Index AD	18,075 shares	627,558
Vanguard High Div Yield Ind Fund	18,142 shares	614,833
Vanguard International Growth Admiral	16,000 shares	1,529,303
Vanguard Total International Stock Admiral	16,435 shares	501,611
Vanguard Mid Cap Index Fund	29,871 shares	5,721,848
Vanguard Short Term Federal Admiral	162,079 shares	1,721,280
Vanguard Short Term Inflation Protected Bond	18,274 shares	447,165
Vanguard Small Cap Growth Index Fund	43,139 shares	2,439,519
Vanguard Small Cap Index Admiral	69,850 shares	3,982,842
Vanguard Small Cap Value Index Fund	59,024 shares	4,177,741
Vanguard Target 2015 Fund	104,486 shares	1,601,770
Vanguard Target 2020 Fund	148,833 shares	4,670,370
Vanguard Target 2025 Fund	373,821 shares	6,915,692
Vanguard Target 2030 Fund	218,901 shares	7,361,635
Vanguard Target 2035 Fund	278,200 shares	5,755,955
Vanguard Target 2040 Fund	130,740 shares	4,676,570
Vanguard Target 2045 Fund	127,750 shares	2,874,373
Vanguard Target 2050 Fund	66,462 shares	2,405,928
Vanguard Target 2055 Fund	27,196 shares	1,066,904
Vanguard Target 2060 Fund	12,623 shares	437,248
Vanguard Target 2065 Fund	250 shares	5,417
Vanguard Target Income Fund	129,397 shares	1,753,336
Vanguard Windsor II Fund	121,314 shares	8,142,564
		118,326,737

First Merchants Corporation
Retirement Income and Savings Plan
Employer Identification Number: 35-1544218 Plan Number: 002
Schedule H, Line 4i - Schedule of Assets (Held at End of Year)
December 31, 2017

(a)(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment Including Par or Maturity Value	(e) Current Value
Collective Investment Fund		
Federated Capital Preservation Fund	506,280 units	5,062,796
Money Market Funds		
Federated Government Obligation Fund	4,310,773 shares	4,310,772
Federated U.S. Treasury Cash Fund	3,166,878 shares	3,166,878
		7,477,650
*Participant Loans	4.0% - 4.5%, 01/2018 - 05/2023	2,024,485
		\$ 142,710,911

*Party-in-interest

SIGNATURES

The Plan. Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

First Merchants Corporation Retirement Income and Savings Plan

Date: June 5, 2018

/s/ Mark K. Hardwick

Mark K. Hardwick

Executive Vice President,

Chief Financial Officer and Chief Operating Officer

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statement of First Merchants Corporation on Form S-8 (File Number 333-50484) of our report dated June 5, 2018, on our audits of the financial statements of First Merchants Corporation Retirement Income and Savings Plan for the years ended December 31, 2017 and 2016, which report is included in this Annual Report on Form 11-K.

/s/ **BKD, LLP**

Indianapolis, Indiana
June 5, 2018